

IN THE CLAIMS:

Please substitute the following claims for the same-numbered claims in the application:

1. (Currently Amended) A method of relaxing typing accuracy on a keyboard, said method comprising:

recording a sequence of at least two tapped landing points on said keyboard, each of said sequence of at least two tapped landing points having a coordinate, and said sequence of at least two tapped landing points corresponding in a one-to-one manner to a sequence of correctly or incorrectly entered letters of a word, and a tapped space bar that delimits said word;

counting a number of correctly or incorrectly entered letters of said word;

selecting all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters of a said word;

comparing a geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped space bar, to another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by calculating a distance measure between said geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped space bar, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters;

determining a word from said selected all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by determining a shortest distance measure between said ~~[[said]]~~ geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped space bar, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for said determined word; and

displaying, to a user, ~~one of~~ said determined word and said sequence of correctly or incorrectly entered letters of said word to check a correct spelling.

2. (Currently Amended) The method according to claim 1, ~~all the limitations of which are incorporated herein by reference~~; wherein said distance measure comprises a mean distance based on summing a distance between each landing point coordinate and each corresponding center point coordinate of said correctly or incorrectly entered letters and said number of letters in said each selected word.
3. (Currently Amended) The method according to claim 1, ~~all the limitations of which are incorporated herein by reference~~; wherein said distance measure comprises an elastic matching distance between each landing point coordinate and each corresponding center point coordinate of said correctly or incorrectly entered letters.
4. (Currently Amended) The method according to claim 3, ~~all the limitations of which are incorporated herein by reference~~; further comprising normalizing said elastic matching distance by said number of letters in said each selected word.
5. (Currently Amended) The method according to claim 1, ~~all the limitations of which are incorporated herein by reference~~; further comprising comparing said shortest distance measure to a threshold.
6. (Currently Amended) The method according to claim 5, ~~all the limitations of which are incorporated herein by reference~~; further comprising displaying said determined word, if said shortest distance measure is smaller than said threshold, otherwise displaying said sequence of correctly or incorrectly entered letters.
7. (Currently Amended) The method according to claim 1, ~~all the limitations of which are incorporated herein by reference~~; wherein each tapped landing point comprises moving a finger or a stylus from a first position not contacting said keyboard, to a second position contacting said keyboard at said each landing point, and to a third position not contacting said keyboard.

8. (Currently Amended) A method of relaxing typing accuracy on a keyboard, said method comprising:

recording a sequence of at least two tapped landing points on said keyboard, each of said sequence of at least two tapped landing points having a coordinate, and said sequence of at least two tapped landing points corresponding in a one-to-one manner to a sequence of correctly or incorrectly entered letters of a word, and a tapped space bar that delimits said word;

counting a [[a]] number of correctly or incorrectly entered letters of said word;

selecting all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters of said word;

for said all words having said number of letters, computing a distance between a landing point coordinate and a corresponding center point coordinate of said correctly or incorrectly entered letter of said word for each landing point in said sequence of at least two tapped landing points;

for each word of said all words having said number of letters, computing a mean distance based on summing each said distance between a landing point coordinate and a corresponding center point coordinate of said correctly or incorrectly entered letter of said each word and said number of letters in said each word; and

determining a word from said selected all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by determining a shortest mean distance between said sequence of at least two tapped landing points, excluding said space bar, and said sequence of correctly or incorrectly entered letters for said determined word; and

displaying, to a user, ~~one of~~ said determined word and said sequence of correctly or incorrectly entered letters of said word to check a correct spelling.

9. (Currently Amended) The method according to claim 8, ~~all the limitations of which are incorporated herein by reference~~, wherein said [[said]] keyboard comprises one of a physical keyboard, a virtual keyboard, a stylus keyboard, a graphical keyboard, and a touch-screen.

10. (Currently Amended) The method according to claim 1, ~~all the limitations of which are incorporated herein by reference~~; wherein said [[said]] keyboard comprises one of a physical keyboard, a virtual keyboard, a stylus keyboard, a graphical keyboard, and a touch-screen.

11. (Currently Amended) The system according to claim 15, ~~all the limitations of which are incorporated herein by reference~~; further comprising normalizing said elastic matching distance by an amount of letters in said word.

12. (Currently Amended) The method according to claim 8, ~~all the limitations of which are incorporated herein by reference~~; further comprising comparing said shortest mean distance to a threshold.

13. (Currently Amended) The method according to claim 12, ~~all the limitations of which are incorporated herein by reference~~; further comprising displaying said determined word, if said shortest mean distance is smaller than said threshold, otherwise displaying said sequence of correctly or incorrectly entered letters.

14. (Currently Amended) The method according to claim 8, ~~all the limitations of which are incorporated herein by reference~~; wherein each tapped landing point comprises moving a finger or a stylus from a first position not contacting said keyboard, to a second position contacting said keyboard at said each landing point, and to a third position not contacting said keyboard.

15. (Currently Amended) A system of relaxing typing accuracy on a keyboard, said system comprising:

 a recorder configured to record a sequence of at least two tapped landing points on said keyboard, each of said sequence of at least two tapped landing points having a coordinate, and said sequence of at least two tapped landing points corresponding in a one-to-one manner to a sequence of correctly or incorrectly entered letters of a word, and a tapped space bar that delimits said word;

a counter configured to count a number of correctly or incorrectly entered letters of said word;

a selector module for selecting all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters of a said word;

a comparing module and calculator configured to compare a geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped space bar, to another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters and to calculate a distance measure between said geometric pattern formed by said sequence of at least two tapped landing points, excluding said space bar, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters;

a determining module configured to determine a word from said selected all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by determining a shortest distance measure between said geometric pattern formed by said sequence of at least two tapped landing points, excluding said space bar, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for said determined word; and

a display to display, to a user, ~~one of~~ said determined word and said sequence of correctly or incorrectly entered letters of said word to check a correct spelling.

16. (Currently Amended) The system according to claim 15, ~~all the limitations of which are incorporated herein by reference~~, wherein said distance measure comprises a mean distance based on summing a distance between each landing point coordinate and each corresponding center point coordinate of said correctly or incorrectly entered letters and said number of letters in said each selected word.

17. (Currently Amended) The system according to claim 15, ~~all the limitations of which are~~

~~incorporated herein by reference~~; wherein said distance measure comprises an elastic matching distance between each landing point coordinate and each corresponding center point coordinate of said correctly or incorrectly entered letters.

18. (Currently Amended) The system according to claim 17, ~~all the limitations of which are incorporated herein by reference~~; further comprising normalizing said elastic matching distance by said number of letters in said each selected word.

19. (Currently Amended) The system according to claim 15, ~~all the limitations of which are incorporated herein by reference~~; wherein said comparing module is configured to compare said shortest distance measure to a threshold.

20. (Currently Amended) The system according to claim 19, ~~all the limitations of which are incorporated herein by reference~~; wherein said display displays said determined word, if said shortest distance measure is smaller than said threshold, otherwise displaying said sequence of correctly or incorrectly entered letters.

21. (Currently Amended) The system according to 19, ~~all the limitations of which are incorporated herein by reference~~; wherein each tapped landing point comprises moving a finger or a stylus from a first position not contacting said keyboard, to a second position contacting said keyboard at said each landing point, and to a third position not contacting said keyboard.

22. (Currently Amended) A system of relaxing typing accuracy on a keyboard, said system comprising:

means for recording a sequence of at least two tapped landing points on said keyboard, each of said sequence of at least two tapped landing points having a coordinate, and said sequence of at least two tapped landing points corresponding in a one-to-one manner to a sequence of correctly or incorrectly entered letters of a word, and a tapped word delimiter that delimits said word;

means for counting a number of correctly or incorrectly entered letters of said word;

means for selecting all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters of a said word;

means for comparing a geometric pattern formed by said sequence of at least two landing points, excluding said tapped word delimiter, to another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by calculating a distance measure between said geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped word delimiter, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for each selected word of said all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters;

means for determining a word from said selected all words of a lexicon having a number of letters equal to said number of correctly or incorrectly entered letters by determining a shortest distance measure between said geometric pattern formed by said sequence of at least two tapped landing points, excluding said tapped word delimiter, and said another geometric pattern formed by said sequence of correctly or incorrectly entered letters for said determined word; and

means for displaying, to a user, ~~one of~~ said determined word and said sequence of correctly or incorrectly entered letters of said word to check a correct spelling.